ZEMLYAKOV, V.M.

Air temperature characteristics over the Black Sea. Trudy Ukr. NIGMI no.8:156-164 '57. (MIRA 11:6)
(Black Sea region--Atmospheric temperature)

ZEMLYAKOV, V.M.

Temperature characteristics of the Black Sea water surface. Trudy Ukr. NIGMI no.8:165-174 '57. (MIRA 11:6)
(Black Sea—Temperature)

ZEMLYAKOV, V.M.

Annual variation of air moisture over the Black Sea. Trudy OGMI no.11: 189-198 '57. (MIRA 11:3)

(Black Sea region--Humidity)

SOV/124-58-8-8843

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 8, p 74 (USSR)

AUTHOR: Zemlyakov, V. M.

TITLE: On the Surface-wave Conditions of the Black Sea (K voprosu o rezhime volneniya Chernogo morya)

PERIODICAL: Tr. Odessk. gidrometeorol. in-ta, 1957, Nr 13, pp 123-132

ABSTRACT: Bibliographic entry

Card 1/1

ZEMLYAKOV, V.M.

Hydrometeorological zoning of the Black Sea. Trudy UkrNIGMI no.38:50-59 '63. (MIRA 17:2)

NAKHABIN, V.P.; MIKULINSKIY, A.S.; SHIRER, G.B.; NEVSKIY, R.A.; SHOLOKHOV, V.F.; YEFREMKIN, V.V.; ZHUCHKOV, V.I.; KURNUSHKO, O.V.; EPSHTEYN, N.Ye.; PANFILOV, S.A.; Prinimali uchastiye: IL'IN, V.M.; ZEMLYAKOV, V.V.; SHMULEVICH, Ye.Ya.

Smelting out manganese-silicon and ferromanganese from Polunochnoye deposit ores in a furnace with a power of 10,500 kilovolt-amperes. Trudy Inst. met. UFAN SSSR no.7:127-145 '61. (MIRA 16:6)
(Manganese alloys) (Sintering)

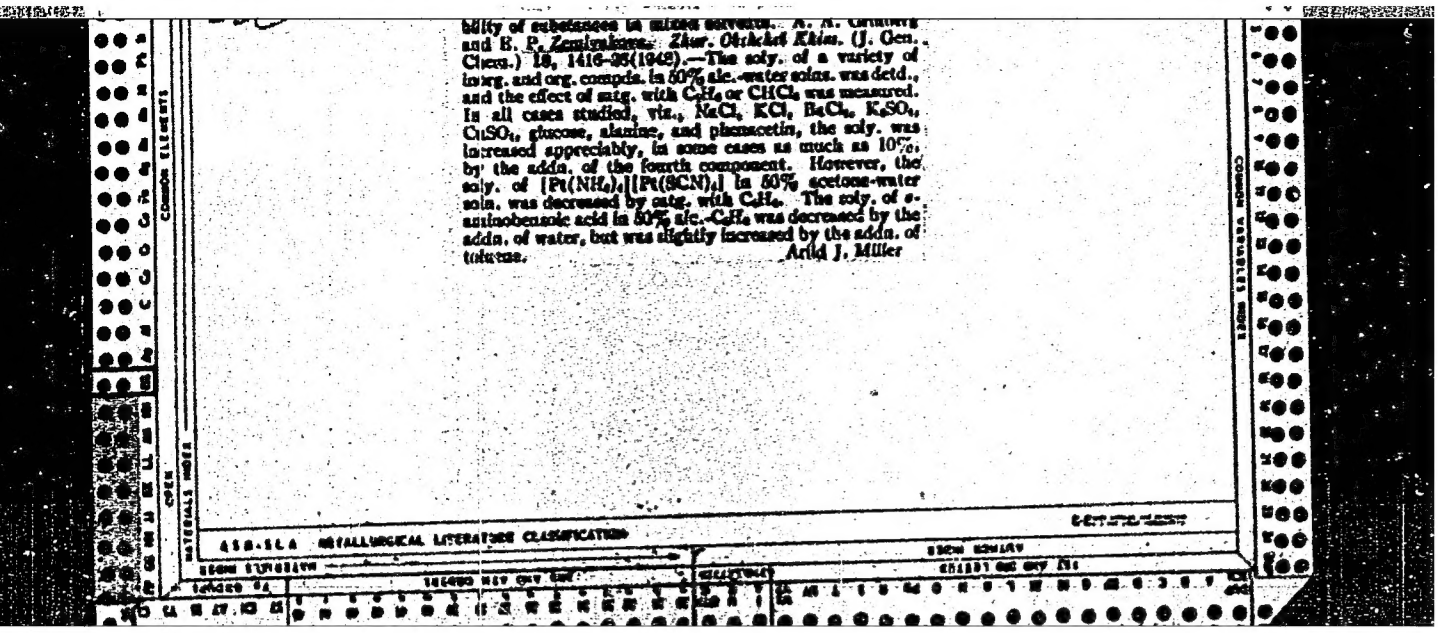
ZEMLYAKOV, V.M.

Frequency of fogs over the Black Sea. Trudy UkrNIGMI no.29:31-37 '61. (MIRA 15:2)

(Black Sea--Fog)

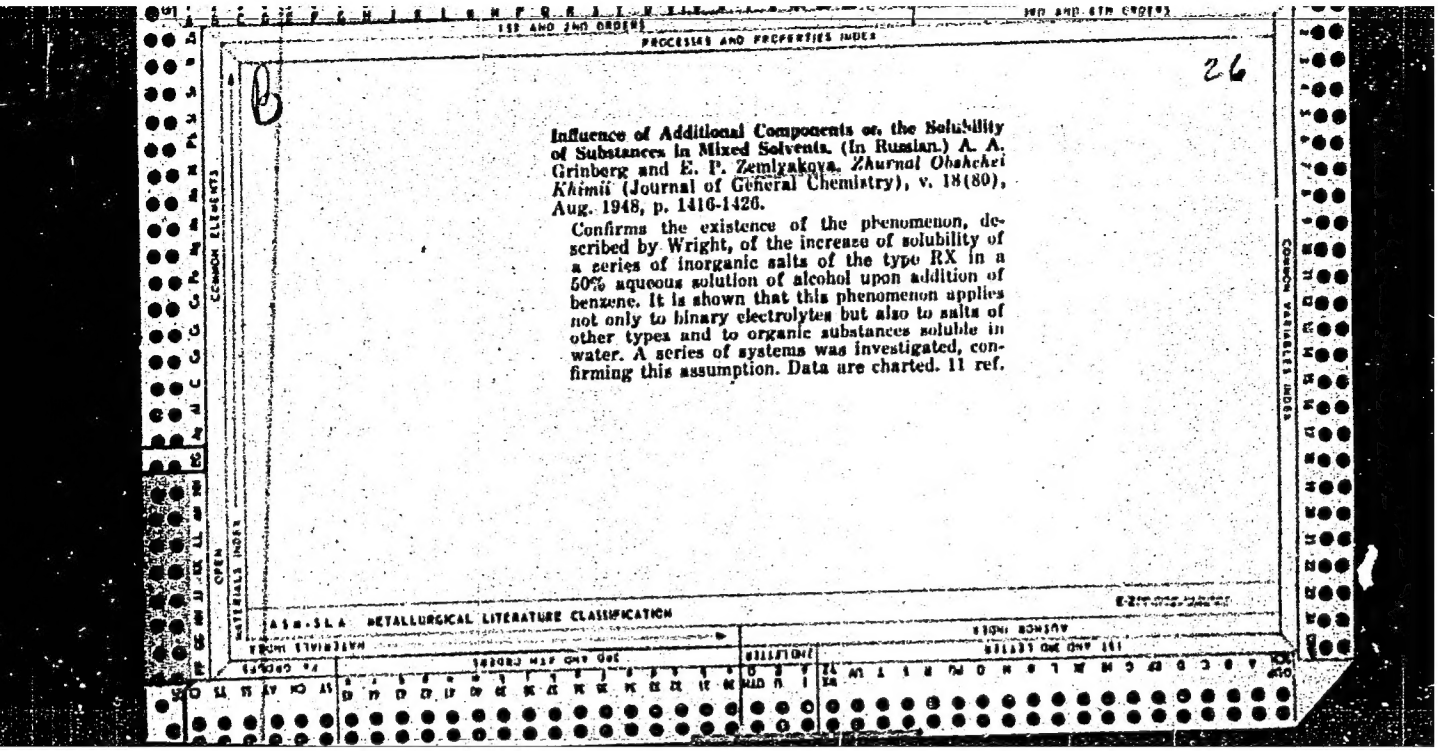
ZEMLYAKOV, V.M.

Maps of prevailing winds over the Black Sea. Trudy UkrNIGMI no.52: 88-94 '65. (MIRA 18:10)



bility of substances in mixed solvents. A. N. Campbell and B. P. Zemlyanitzen. *Zhur. Obshchei Khim.* (J. Gen. Chem.) 12, 1416-28(1942).—The soly. of a variety of inorg. and org. compds. in 50% alc.-water solns. was detd., and the effect of satg. with C_2H_4 or $CHCl_3$ was measured. In all cases studied, viz., NaCl, KCl, $BaCl_2$, K_2SO_4, $CuSO_4$, glucose, alanine, and phenacetin, the soly. was increased appreciably, in some cases as much as 10%, by the addn. of the fourth component. However, the soly. of $[Pt(NH_3)_4][Pt(SCN)_4]$ in 50% acetone-water soln. was decreased by satg. with C_2H_4. The soly. of *o*-aminobenzoic acid in 50% alc.-C_2H_4 was decreased by the addn. of water, but was slightly increased by the addn. of toluene.

Arild J. Miller



PROCESSES AND PROPERTIES INDEX

26

Influence of Additional Components on the Solubility of Substances in Mixed Solvents. (In Russian.) A. A. Grinberg and E. P. Zemlyakova. *Zhurnal Obshchei Khimii* (Journal of General Chemistry), v. 18(80), Aug. 1948, p. 1416-1426.

Confirms the existence of the phenomenon, described by Wright, of the increase of solubility of a series of inorganic salts of the type RX in a 50% aqueous solution of alcohol upon addition of benzene. It is shown that this phenomenon applies not only to binary electrolytes but also to salts of other types and to organic substances soluble in water. A series of systems was investigated, confirming this assumption. Data are charted. 11 ref.

S/169/62/000/008/046/090
E202/E192

AUTHORS: Kudryan', A.P., and Zemlyakova, I.V.

TITLE: Influence of vertical movements on the evolution of frontal zone

PERIODICAL: Referativnyy zhurnal, Geofizika, no.8, 1962, 45, abstract 8 B 309. (Tr. Odessk. gidrometeorol. in-ta, no.23, 1961, 81-84).

TEXT: Studies on the nature of advection and vertical movements in four cases of transformation of altitudinal frontal zone (AFZ), having a zonal direction of contour line into the zone with sharply defined depression forming contours over Central Europe (January 24 and 25, April 8th 1959, and August 26, 1958) were carried out. Advective changes of temperature within 12 hours on the surfaces of 850, 700 and 500 mb. were determined graphically and the vertical movements calculated on the same surfaces according to the formulae of Dyubyuk-Lebedeva. In all four cases, the regions of advection of heat and cold are alternating along the stream. Advective warmings are accompanied by ascending

Card 1/2

movements and advective coolings by descending ones. In the region of cold advection, anabatic movements are observed near the zero line of temperature advection. In this part of AFZ are observed strong falls of temperature, as much due to advection as to the anabatic vertical movements, which result in strong deformation of the AFZ and pressure drop leading to the formation and growth of cyclones. The studies confirmed the presence of regions within the AFZ wherein are observed simultaneously anabatic movements and cold advection.

[Abstractor's note: Complete translation.]

Card 2/2

GENKE, A.R.; ZEMLYAKOVA, O.I.

Annotations and authors' abstracts. Pediatriia 41 no.11:87 N'62. (MIRA 17:4)

1. Iz Tomskogo onkologicheskogo dispansera i Tomskoy detskoy khirurgicheskoy kliniki.

ZEMLYAKOVA, V.F.

First autumn frosts in Odessa Province. Trudy UkrNIGMI no.32: 41-45 '62. (MIRA 16:11)

ZEMLYAKOVA, Ya. P.

Determination of water by Fisher reagent in complex compounds. Zhur. ob. khim. 26 no.10:2687-2689 O '56. (MIRA 11:3)

1. Leningradskiy tekhnologicheskiy institut imeni Lensoveta.
(Chemistry, Analytical--Quantitative)
(Compounds, Complex)

ZEMLYAKOVA, YE. P.

USSR/Chemistry - Solubility
Chemistry - Solutions

Aug 48

"The Reaction of an Added Component on the Solubility of Material in a Mixed Solution," A. A. Grinberg, Ye. P. Zemlyakova, Chair Inorg Chem, Leningrad Chem Phar Inst and Chair of Gen Chem, Leningrad Tech Inst imeni Lensovet, 10¼ pp

"Zhur Obshch Khimii" Vol XVIII (LXXX), No 8

Confirmed phenomenon (previously described by Wright) of increased solubility of type RX inorganic salts in 50% aqueous alcohol due to addition to benzene. Shows this phenomenon takes place not only for binary electrolytes but for salts of other types and also for organic substances readily soluble in water. Shows that effect of additional component can be generalized: It is not confined to particular case of alcohol-water systems and does not necessarily result in increased solubility. Effect should be observed on any combinations of two solvents, and its sign (increase or decrease of solubility) depends on interrelation of properties of solute, solvent and additives. Submitted 18 Apr 47.

PA 19/49T25

ZEMLYAKOVA, Z.M., kand.med.nauk

Siberian conference on poliomyelitis. Pediatriia 36 [i.e. 37] no.2: 95-96 F '59. (MIRA 12:4)

(POLIOMYELITIS)

ZEMLYAKOVA, Z.M.

EBERTS, V.L., dotsent; ZEMLYAKOVA, Z.M.; ZAIENSKAYA, E.S.

Solitary cerebral tubercles in children. Pediatriia no.2:59-64 F '57. (MIRA 10:10)

1. Iz kafedry detskikh infektsionnykh bolezney (zav. - dotsent V.L.Eberts) i kafedry gospital'noy pediatrii (zav. - prof. G.G. Stuka) Tomskogo meditsinskogo instituta.
(BRAIN--TUBERCULOSIS)

ZHILYAKOVA, Z.M.; SKOBUNNIKOVA, A.S.

Clinical and virological parallels in poliomyelitis in children. Trudy TomNIIVS 14:42-48 '63. (MIRA 17:7)

1. Kafedra gospital'noy pediatrii Tomskogo meditsinskogo instituta i Tomskiy nauchno-issledovatel'skiy institut vaktsin i syvorotok.

ZEMLYAKOVA, Z.M.; YASTREBOV, A.F.

Clinical and epidemiological observations of the poliomyelitis outbreak in Kozhevnikovox District, Tomsk Province, in 1957. Trudy TomNIIVS 14:49-53 '63. (MIRA 17:7)

1. Kafedra gospital'noy pediatrii Tomskogo meditsinskogo instituta i Tomskiy nauchno-issledovatel'skiy institut vaktsin i syvorotok.

ZEMLYAKOVA, Z.M.

Observations of the clinical aspect of poliomyelitis in children inoculated with Salk vaccine. Trudy TomNIIVS 14: 54-59 '63. (MIRA 17:7)

1. Kafedra gospital'noy pediatrii Tomskogo meditsinskogo instituta.

STUKS, G.G., prof.; ZEMLYAKOVA, Z.M.; MALOFIYENKO, L.R.

Clinical epidemiological observations on an outbreak of Bornholm disease (epidemic pleurodynia) in children. Pediatriia 41 [i.e. 42] no.2:49-52 F '63. (MIRA 16:4)

1. Iz Tomskogo meditsinskogo instituta.
(PLEURODYNIA, EPIDEMIC) (MENINGITIS) (CHILDREN--DISEASES)

ZEMLYAKOVA, Z. M. Cand Med Sci -- (diss) "On the ~~Functional~~ Disorders of the Central Nervous System in Infantile Rheumatism." Tomsk, 1957. 21 pp 20 cm. (Tomsk State Medical Inst im V. M. Molotow), 200 copies (KL, 17-57, 99)

ZEMLYAKOVA, Z. M. and STUKS, G. G.

"The Clinical Variants and the Treatment of Poliomyelitis in Children as Found During a 2-Year Observation Period in a Stationary Polyclinic," Trudy 2-y Pavlovskoy Konferentsii Tomskogo Meditsinskogo Instituta, Tomsk, 1952, pp 181-184.

ZEMLYAKOVSKAYA, N.P.

Work of a circle of young naturalists with indoor plants. Est. v shkole no.5:66-73 S-O '54. (MLRA 7:9)

1. Uchitel'nitsa shkoly No. 425 g. Moskvy.
(House plants) (Botany--Study and teaching)

ZEMLYANA, G. P.

ZEMLYANA, G. P. -- "The Genesis of Reproductive Cells and the Cyclic Changes of the Overian Follicle in the Seven Rivers 'Gol'yana' (local fish)." Sub 12 May 52, Moscow City Pedagogical Inst imeni V. P. Potemkin. (Dissertation for the Degree of Candidate in Biological Sciences.)

SO: Vechernaya Moskva January-December 1952

1. ZEMLYANAYA, A. D.

2. USSR (600)

4. Space Perception

7. Results of the development of space perception in pupils on the basis of the use of visual aids. Izv. Akad. ped. nauk RSFSR No. 21, 1949.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

BOLOTINA, O.P.; PAVLOV, B.V.; ZEMLYANAYA, A.F.

Trace conditioned reflexes in lower monkeys. Zhur. vys. nerv. deiat 13 no.6:1032-1038 N-D '63. (MIRA 17:7)

1. Laboratoriya sravnitel'noy fiziologii vysshey nervnoy deyatel'nosti Instituta fiziologii imeni Pavlova AN SSSR.

BRAUN, A.A.; ZEMLYANAYA, G.P.

Effect of hibernation on intravitam staining of the organs of a frog by neutral red in vivo and in vitro. Nauch.dokl.vys. shkoly;biol.nauki no.4:76-78 '58. (MIRA 11:12)

1. Rekomendovana kafedroy biologii Kirgizskogo zhenskogo pedagogicheskogo instituta imeni V.V.Mayakovskogo.
(HIBERNATION) (STAINS AND STAINING (MICROSCOPY)) (NEUTRAL RED)

ZEMLYANAYA, G.P.

Effect of preliminary denervation on vital staining of gastrochnemii in the frog. Nauch.dokl.vys.shkoly; biol.nauki no.2:53-55 '59.
(MIRA 12:6)

1. Rekomendovana kafedroy zoologii Kirgizskogo zhenskogo pedagogicheskogo instituta im. V.V.Mayakovskogo.
(MUSCLE--INNERVATION) (STAINS AND STAINING (MICROSCOPY))

ALIMBAYEVA, S.K.; ZEMLYANAYA, G.P.; KOMAROV, P.V.; CHERVYAKOVA, G.F.

Spring excursions to the mountains. Uch. zap. Kir. zhen. ped. inst. no. 4:153-216 '59. (MIRA 14:1)
(Kirghizistan--School excursions) (Biology--Study and teaching)

ZEMLYANAYA, G.P.

B-2

USSR/General Biology - Cytology.

Abs Jour : Ref Zhur - Biologiya, No 1, 1957, 153.

Author : G.P. Zemlyanaya
Inst : Kirgizian Women's Pedagogical Institute.
Title : Morphological Modifications in the Nucleus and Oocite in the Process of the Formation of the Yolk in Fish.

Orig Pub : Uch. zap. Kirgizsk. ped. in-ta, 1955, yp. 1, 105-127

Abst : The pr perties of the cytoplasm, nucleus, the kernel of the oocyte, the follicular cells, and the radial membrane in different stages of the oogenesis of Phoxinus brachyurus Berg were investigated. In the process of the growth of the oocytes, the chemical properties of the cytoplasm undergo a change and are being enriched with RNK. The cytoplasm acquires a more acid reaction and exhibits a sharply expressed basophilia. The basophilia drops as the quantity of reserve proteins which go into the formation of the yolk increases. An established relationship

Card 1/2

Abs Jour : Ref Zhur - Biologiya, No 1, 1957, 153.

between the intensity of the process of yolk formation and the changes in the forms of the nuclei (their surface acquires protrusions), and a sharp increase in the chromophiles of the kernels is noted. In the process of the development of the yolk take part also the organoids of the cells, particularly those of the Gol'dzhi apparatus; a thickening of the follicular epithelium and radial membrane of the oocyte takes place as the yolk develops. The process of yolk formation takes place in periodic stages. It occurs with greater intensity during autumn and winter.

Bibliography of 34 titles.

BRAUN, A.A.; ZEMLYANAYA, G.P.

Effect of the stimulator of regeneration processes on the epidermis of X-rayed rabbit skin. Nauch. dokl. vys. shkoly; biol. nauki no.1:98-101 '62. (MIRA 15:3)

1. Rekomendovana kafedroy biologii Kirgizskogo zhenskogo pedagogicheskogo instituta im. V.B. Mayakovskogo.
(X RAYS—PHYSIOLOGICAL EFFECT)
(EPIDERMIS)

ZEMLYANAYA, G.P.; RAYVID, V.V.

Comparative study of the healing of penetrating defects in the webs in representatives of the lowest and highest vertebrates. Trudy KirgNOAGE no.2:32-34 '65. (MIRA 18:11)

1. Iz kafedry gistologii (zav. - prof. A.A.Braun) Kirgizskogo gosudarstvennogo meditsinskogo instituta i iz kafedry biologii (zav. - dotsent G.P.Zemlyanaya) Kirgizskogo zhenskogo pedagogicheskogo instituta imeni Mayakovskogo.

ZEMLYANAYA, G.P.

Seasonal changes in the microstructure of the thyroid gland in Kirghizian White chickens in the foothill areas of Chuya Valley. Trudy KirgNOAGE no.2:91-93 '65. (MIRA 18:11)

1. Iz kafedry gistologii (zav. - prof. A.A.Braun) Kirgizskogo gosudarstvennogo meditsinskogo instituta i kafedry biologii (zav. - dotsent G.P.Zemlyanaya) Kirgizskogo zhenskogo pedagogicheskogo instituta imeni V.V.Mayakovskogo.

ZEMLYANAYA, T. T.

USSR/Human and Animal Physiology. Blood Circulation. General Problems. T-5

Abs Jour: Ref Zhur-Biol., No 12, 1958, 55554.

Author : Zemlyanaya, T.T.
Inst : Dnepropetrovsk Institute of Medicine.
Title : Alkali Reserves in Inadequate Blood Circulation

Orig Pub: Sb. nauchn. rabot. Dnepropetr. med. in-t, 1956, 1, 175-176.

Abstract: When 72 patients were examined, a decrease of the blood alkali reserves was observed, which was proportional to the severity of the blood circulation disturbances. Normally, the alkali reserves amount to 53-74 percent of the blood volume. In patients suffering from blood circulation inadequacy, these reserves amounted on the average to 55.8 percent

Card : 1/2

75

USSR/Human and Animal Physiology. Blood Circulation. General Problems. T-5

Abs Jour: Ref Zhur-Biol., No 12, 1958, 55554.

in patients of the I stage of inadequacy, to 48.2 in patients of the II A stage, to 41.8 in patients of the II B stage, and to 35.6 volume percent in patients of the III stage.

Card : 2/2

Card none

TITLE: New semiconductor rectifiers for the rectifier substations of subways

SOURCE: Elektrichestvo, no. 1, 1965, 42-48

TOPIC TAGS: semiconductor rectifier, electric engineering, electric substation equipment

ABSTRACT: Computations are presented to prove the feasibility and economy of replacing the six IVS-500/2 type sealed mercury-arc rectifiers with stacks of VK-200/4A type silicon rectifier cells (average current 200 amp; operating peak inverse voltage [PIV] 400 v; rated PIV 600 v) in the rectifier substations that supply 825 volts d-c for subway traction. The computed six-phase rectifier unit has six parallel branches per phase, with six series-connected cells per branch. The number of parallel branches is computed on the basis of peak load and surge current, taking the circuit-breaker interrupting time into consideration. The number of series-connected cells is computed on the basis of the PIV's, with allowances for variations in the supply voltage. The overall efficiency of the rectifier unit is 98.9 percent. It is assembled from modular stacks (12 cells and one fan per module) and fits into two cabinets 800 by 600 by 2000 mm. Although at present silicon rectifiers are more expensive than mercury-arc

Card 1/2

L 11551-66

ACC NR: AP6005026

rectifiers (due to the high cost of single-crystal silicon and the low level of automation), conversion of subway substations to such rectifiers pays for itself in five to six years, and the economy of building new rectifier substations of this type is even greater. Orig. art. has: 4 figures, 23 formulas, and 1 table. [JPRS]

SUB CODE: 09 / SUBM DATE: 08Jun64 / ORIG REF: 002

HW

Card 2/2

MERKULOV, V.A.; ZEMLYANIKIN, S.A.; SERGEYEV, A.L. (Yaroslavl')

New requirements for the planning of freight transportation.
Zhel.dor.transp. 45 no.2:14-20 F '63. (MIRA 16:2).

1. Chlen Gosplana RSFSR (for Merkulov). 2. Nachal'nik podotdela zheleznodorozhnogo transporta Gosplana RSFSR (for Zemlyanikin). 3. Nachal'nik gruzovoy sluzhby Severnoy dorogi (for Sergeyev).
(Railroads—Freight)

ZEMLYANICHKIN, A. (g.Vologda)

Chill casting of radiators. Prom. koop. 12 no.7:15-16 Jl '58.
(MIRA 11:8)

1.Zamestitel' predsedatelya pravleniya oblpromsoveta.
(Vologda--Iron founding)

ANDREYEV, V.P.; BUTKOVSKIY, N.I.; KOMAROV, L.A.; KUDINOV, V.S.; MASHANSKIY, G.S.; MERKIN, R.M.; MERKULOV, V.A.; ZEMLYANIKIN, S.A.; SOLOMIN, V.V.; SHOLOKHOV, Ye.I.; PEREPELITSKAYA, A.G., red.; AVDEYEVA, V.A., tekhn. red.

[Toward the new achievements; the Russian Federation in 1963, concise handbook] K novym rubezham; Rossiiskaia Federatsiia v 1963. godu. Kratkii spravochnik. Moskva, Sovetskaia Rossiia, 1963. 284 p. (MIRA 16:10)
(Russia--Economic policy--Handbooks, manuals, etc.)

TSEYTLIN, Kh. L.; SEL'TSER, A.S.; ZEMLYANITSKAYA, N.N.; STRUNKIN, V.A.
MERZLOUKHOVA, L.V.

Corrosion determination in ampules. Zav. lab. 24 no. 7:898-899 '58.
(MIRA 11:7)

1. Institut organicheskikh poluproductov i krasiteley im. K.Ye. Voroshilova.

(Corrosion and anticorrosives)

AUTHORS: Tseytlin, Kh. L., Sel'tser, A. S., SOV/32-24-7-54/65
Zemlyanitskaya, N. N., Strunkin, V. A., Merzloukhova, L. V.

TITLE: Corrosion Determinations in Ampoules (Korrozionnyye opredeleniya v ampulakh)

PERIODICAL: Zavodskaya Laboratoriya, 1958, Vol. 24, Nr 7, pp. 898 - 899 (USSR)

ABSTRACT: Of late glass ampoules are used for corrosion investigations of steel; the former make it possible to carry out several experiments at the same time, which fact is especially favorable in the case of small sample quantities, and in the determinations of rare metals, as well as of expensive and dangerous reagents. In the laboratory mentioned below an apparatus was constructed on this basis, which serves for the determinations of chemically resistive, rare metals in hydrochloric acid. The apparatus consists of a heatable steel drum with a steeltube grid into which eight steel shells for the glass ampoules are put. 40 ml liquid and two samples each were put into each ampoule; then they were put in a sealed state into the apparatus which was rotated by a reducing gear. After the experiment the ampoules are broken up. Corrosion experiments with tantalum in hydrochloric acid

Card 1/2

Corrosion Determinations in Ampoules SOV/32-24-7-54/65

or in hydrochloric acid saturated with chlorine, or in HCl with an addition of hydrogen peroxide were carried out at 100 - 110°. On this occasion a corrosion rate of less than 0,005 g/m^2.hour was found. Thick-walled ampoules were also used for the determinations of nickel, copper, aluminium and other metals in molten $AlCl_3$ at 200°. The experiments with this apparatus must be carried out taking into account all precautionary methods known in the technique. There are 2 figures.

ASSOCIATION: Institut organicheskikh poluproduktov i krasiteley im.K.Ye. Voroshilova(Institute of Organic Semiproducts and Dyes imeni K.Ye.Voroshilov)

Card 2/2

ACC NR: AP6020685 SOURCE CODE: UR/0016/66/000/006/0094/0098

AUTHOR: Zemlyanitskaya, Ye. P.; Samsonova, V. S.

ORG: Institute of Epidemiology and Microbiology, Academy of Medical Sciences, SSSR (Institut epidemiologii i mikrobiologii AMN SSR)

TITLE: Obtaining dry concentrated Cl perfringins type E toxin

SOURCE: Zh mikrobiol, epidemiol i immunobiol, no. 6, 1966, 94-98

TOPIC TAGS: human disease, vaccine, ~~production method~~, toxin, Clostridium perfringins type E, CHEMICAL PRECIPITATION

ABSTRACT:
A purified, dry preparation of *Cl. perfringens* type E toxin that was stable when refrigerated was prepared from *Cl. Perfringens* type E no. 342. The toxin was concentrated by precipitation with ammonium sulfate, sodium chloride, and sodium hexametaphosphate at a pH of 3.5. Compares results of the three methods. Precipitation with ammonium sulfate and sodium chloride was the best method. The toxin preparations obtained had a specific activity of 10,000 to 30,000 Dlm/mg of protein nitrogen with a toxin output averaging 50%. Orig. art. has: 2 tables.
[W.A. 50; CBE No. 10]

SUB CODE: 06,07/ SUBM DATE: 20Mar65/ ORIG REF: 008/ OTH REF: 005/

Card 1/1 UDC: 615.372:576.851.555]-012

ZEMLYANITSKAYA, Ye.T.

Trace element concentration in foodstuffs as related to the distribution of endemic goiter. Trudy Biogeokhim. lab. no.11: 132-133 '60. (MIRA 14:5)

1. Kazanskiy meditsinskiy institut.
(GOITER) (TRACE ELEMENTS)
(MINERALS IN FOOD)

ZEMLYANITSYNA, L.A.

Some chemical features of ground waters on the northern shore of Lake Ladoga. Trudy Lab. ozeroved. 12:185-192 '61.
(MIRA 15:3)
(Ladoga Lake region--Water, Underground--Composition)

ACC NR: AP6035940 SOURCE CODE: UR/0413/66/000/020/0199/0199

INVENTOR: Zemlyanitskiy, A. N.; Karpovich, B. K.; Motin, I. I.; Stolyar, A. I.; Nuzhdin, V. V.; Ponomarev, I. V.

ORG: none

TITLE: Centrifugal blower water separator for aircraft ventilation systems. Class 62, No. 187539

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 20, 1966, 199

TOPIC TAGS: aircraft cabin environment, aircraft cabin equipment, centrifugal blower, air conditioning equipment

ABSTRACT: An Author Certificate has been issued for a centrifugal blower water separator for aircraft ventilation systems, consisting of a housing with intake apertures and a nozzle; the housing contains a rotating drum with radial blades and has openings along its outer surface. To simplify construction and decrease its size, between the blades and end wall in the back portion of the drum is mounted a guide arranged to direct the flow in the opposite direction; the guide channels air into an outlet duct, which is located along the blower's axis and fastened in the forward part of the housing.

SUB CODE: 01, 13/ SUBM DATE: 06Nov64/

UDC: 629.13.01/06
66.071.7

Card 1/1

L 32942-66 EWP(c)/EWP(k)/EWT(m)/EWP(h)/T-2/FSS-2/EWP(w)/EWP(v) IJP(c) EM/WW

ACC NR: AP6021778 SOURCE CODE: UR/0413/66/000/012/0040/0040

INVENTOR: Kopelev, S. Z.; Zemlyanitskiy, A. N.; Ivanov, Ye. S.; Motin, I. I.

ORG: none

TITLE: Reversible turbine. Class 14, No. 182738

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 12, 1966, 40

TOPIC TAGS: turbine engine system, turbine engine, turbine design, turbine disk

ABSTRACT: The proposed reversible turbine for driving, for example, a marine propeller shaft, contains disks with rotor blades with forward and reverse motion and piping with throttle valves for axial feeding of the working medium to the guide vanes. To increase efficiency and improve the engine's pickup, the disks with the forward and reverse motion are mounted on a common shaft and are connected to it by overrunning clutches for automatic reversal, depending on the feeding of the working medium to the forward or reverse-motion guide vanes. [TN]

SUB CODE: 10/ SUBM DATE: 07Oct63/ ATD PRESS: 5027

Card 1/1 UDC: 621.438-581

BALABAN, B.V., inzh.; VABEL', V.D., inzh.; ZEMLYANKER, L.Kh., inzh.; KLEYNER, G.R., inzh.

Automatic control in municipal electric power distribution networks. Elek. sta. 34 no.7:54-59 Jl '63. (MIRA 16:8)

ZEMLYANKINA, A.

New rights bring many obligations. NTO 2 no.4:28-29 Ap '60. (MIRA 13:6)

1. Predsedatel' soveta Nauchno-tekhnicheskogo obshchestva Khersonskoy khlopkopryadil'noy fabriki.
(Kherson--Cotton spinning--Technological innovations)

ACC NR: AT6028995 SOURCE CODE: UR/0000/66/000/000/0334/0342

AUTHOR: Zemlyankina, O. A.

ORG: none

TITLE: Loss in ferrites exposed to low and high fields in the megacycle region

SOURCE: Vsesoyuznoye soveshchaniye po ferritam. 4th, Minsk, Fizicheskiye i fiziko-khimicheskiye svoystva ferritov (Physical and physicochemical properties of ferrites); doklady soveshchaniya. Minsk, Nauka i tekhnika, 1966, 334-342

TOPIC TAGS: ferrite, magnetic property, magnetic structure, barium oxide, lead oxide, silicon dioxide, zinc oxide, strontium oxide, yttrium oxide, yterrbium oxide

ABSTRACT: The effect of low and high fields in the megacycle region on the loss of the following systems was investigated: NiO - Fe_2O_3, Li_2O - Fe_2O_3, and MgO - Fe_2O_3. The effect of low fields was studied by a Q-meter, and that of high fields by an autogenerator of 5 and 100--600 watt capacity. The effects of adding BaO, SrO, PbO, ZnO, SiO_2, Y_2O_3, and Yb_2O_3 and of annealing on the ferrite properties were determined. The experimental results are presented graphically (see Fig. 1). It is concluded that the increased loss observed after annealing in Li and Ni ferrites is due to the formation of secondary nonmagnetic phases in the latter. It was found that additions of PbO and SiO_2 prevent an increase in loss during annealing.

Card 1/2

ACC NR: AT6028995

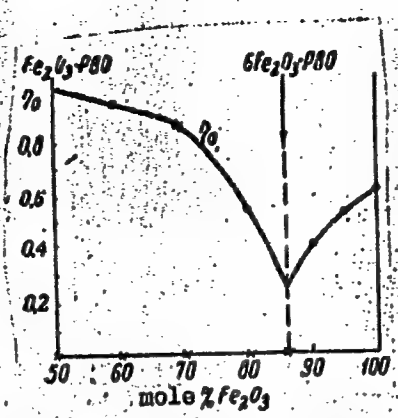


Fig. 1. Dependence of η_0 on the percent composition of PbO in the system PbO-Fe_2O_3 (η_0 was determined at the amplitude of the high-frequency field of 8 oersted). $\eta_0 = \mu/\mu_0$, where μ and μ_0 is the output voltage of the generator with and without the specimen in the oscillation cavity of the latter.

Orig. art. has: 1 table and 8 graphs.

SUB CODE: 09, 11/ SUBM DATE: 22Dec65/ ORIG REF: 001/ OTH REF: 005

Card 2/2

ZEMLYANKO, D.; MATVORA, P., red.; NEDOVIZ, S., tekhn.red.

[Everyday work of party organizations on collective farms; from the work experience of collective farms in Lvov Province] Budni kolhospnykh partiinykh organizatsii; z dosvidu roboty partorganizatsii kolhospiv L'vivs'koi oblasti. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1959. 98 p. (MIRA 13:1)

1. Kommunisticheskaya partiya Ukrainy. L'vovskiy oblastnoy komitet.
(Lvov Province--Communist Party of the Soviet Union--Party work)
(Collective farms)

ZEMLYANOV, A.A.

Gross-fibrous chlorite and brucite from Kumyshkan. Zap. Vses. min. ob-va 94 no.6:713-718 '65. (MIRA 18:12)

ZEMLYANOY, A.G. (Leningrad, Konnaya ul., 30, kv.3)

Congenital multiple arteriovenous anastomoses. Vest. khir. 92 no.3:88-95 Mr '64. (MIRA 17:12)

1. Iz 3-y khirurgicheskoy kafedry (zav. - prof. N.I.Blinov) Leningradskogo ordena Lenina instituta usovershenstvovaniya vrachey imeni S.M. Kirova.

DYUBIN, N.P.; DYUBINA, A.V.; SVIRIDENKO, F.F.; KARPUNIN, A.M.; Prinimali uchastiye: LEVCHENKO, N.D.; POPOVA, N.N.; TROFIMOV, V.V.; SHUBENKO, G.L.; CHETVERIKOV, A.V.; RYABININ, N.G.; ZEMLYANSKAYA, L.I.; FRADINA, M.G.; ORGIYAN, V.S.; SABUTSKIY, F.M.; MOMGELI, A.V.; BUL'SKIY, M.T.; FRADIN, M.D.; VALENKO, N.S.; KUCHERYAVYY, Yu.P.; CHEPELEV, P.M.; SABUROV, T.A.; POLYAKOV, P.M.; MALASHENKO, R.B.

Effect of the temperature of rail rolling on their quality. Sbor. trud. UNIIM no.11:344-353 '65. (MIRA 18:11)

L 16124-66 EWT(d)/EWT(i)/EWT(m)/EWA(d)/EWP(v)/EWP(t)/EWP(k)/EWP(h)/EWP(l)
ACC NR: AP6004130 IJP(c) MJW/JD SOURCE CODE: UR/0120/65/000/001/0104/0111

AUTHOR: Zemlyanskiy, V. A.

ORG: Kharkov Aviation Institute (Khar'kovskiy aviatsionnyy institut)

TITLE: Increasing the output of machining with a cutter

SOURCE: Samoletstroyeniye i tekhnika vozdushnogo flota, no. 1, 1965, 104-111

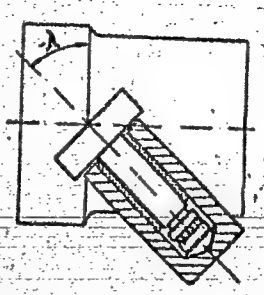
TOPIC TAGS: metal cutting, metal cutting machine tool, rotary tool bit, bronze, copper, cast iron, titanium, aluminum / ShKh15 steel, EI654 alloy, EI437A alloy, VT6 titanium alloy, AK4-1 aluminum alloy, 30 steel

ABSTRACT: To evaluate the accuracy of the author's previously derived theory (Issledovaniya kruglykh samovrashchayushchikhsya reztsov. Izv. Vuzov, Mashinostroyeniye No. 7, 1960) on rotary tool bits (see Fig. 1), experiments were performed with steel 30, ShKh15, cast iron, copper, bronze, heat resistant [illegible] (VT6) and aluminum (AK4-1) alloys at S = 0.52

tool velocity and [illegible] presented in graphical form. [illegible]
and some of the results are presented in graphical form.
Card 1/2

L 16124-66
ACC NR: AP6004130

Fig. 1. Rotary tool bit.



support bearing configurations were also tested. It was found that: the output in machining hard metals can be increased by a factor of more than 2 by the use of rotary tools (faster cutting speed and feed); the tools automatically adjust to an operating speed which provides minimum frictional velocity; the most important parameter is λ; the smallest values of λ in the optimum region are determined by the plastic properties of the machined material, the maximum by the depth of cut; in the optimum interval of λ the equations derived previously by the author coincide very well with the [illegible]

8 figures, 3 tables, and 4 formulas.

SUB CODE: 13/ SUBM DATE: none/ ORIG REF: 007

Card 2/2 1195

---Zemlyanitskaya, Ye. T.

USSR / Soil Science. Physical and Chemical Properties of Soils. J-2

Abs Jour : Ref Zhur - Biologiya, No 16, 1958, No. 72699

Author : Zemlyanitskaya, Ye. T.
Inst : Kazan Medical Institute
Title : Content of Fluorine in the Soils of the Tatarskaya ASSR and Mariyskaya ASSR

Orig Pub : Sb. nauchn. rabot Kazansk. med. in-ta, 1957, vyp. 1, 35-40

Abstract : Soils of the Volzhskiy, Orshan and Sernur Rayons of the Mariyskaya ASSR contain 0.1-0.022% of F. Soils of Sviyazhsk, Arsk, Stolbishchen and E. Uslon Rayons of the Tatarskaya ASSR contain 0.009-0.282%. These volumes approximate the average content of F in the soils of the USSR and cannot exert a harmful influence on man and animal. The determinations were carried out by the colorimeter method with an alizarin zirconium indicator. --

Card 1/1

1. AL'BENSKIY, A. V., ZEMLYANITSKIY, L. I., MOROZOV, I. P.

2. USSR (600)

4. Geology and Geography

7. The State Protective Forest Belt of the Mountains of Vishnayvaya-Chkalov-Caspian Sea, A. V. Al'benskiy, L. I., Zemlyanitskiy, I. P. Morosov, (Moscow-Leningrad, State Forest Press, 1949). Reviewed by F. M. Mil'kov, Sov. Kniga, No. 11, 1949.

9. [redacted] Report U-3081, 16, Jan. 1953, Unclassified.

GOLOVATYY, R.N.; OSHCHAPOVSKIY, V.V.; ZEMLYANSKSAYA, L.I.

Fractional detection of Cu^{++} ion by means of precipitation chromatography. Ukr.khim.zhur. 26 no.1:117-120 '60. (MIRA 13:5)

1. L'vovskiy gosudarstvennyy universitet i L'vovskiy politekhnicheskiy institut.
(Copper--Analysis)
(Chromatographic analysis)

AUTHOR: Zemlyanitskaya, Ye. P.; Matveyev, K. I.; Tsurikova, K. E.

ORG: Institute of Epidemiology and Microbiology im. Gamaleya AMN SSSR, Moscow (Institut epidemiologii i mikrobiologii AMN SSSR)

TITLE: Toxin formation in type E Clostridium perfringens

SOURCE: Zhurnal mikrobiologii, epidemiologii, i immunobiologii, no. 7, 1966, 86-90

TOPIC TAGS: toxin, bacterial toxin, Clostridium perfringens, type E Clostridium perfringens, toxin formation, immunology, bacteriology, culture method, culture medium, virulence

ABSTRACT:
Optimal conditions for toxin formation by type E *Clostridium perfringens* were studied in 11 strains from the British National Collection (BNC) and in 1 strain from the State Control Institute imeni Tarasevich (GKI). Organisms grown on casein media produced the most virulent toxins. Crude toxins obtained by culturing strains 4529 (BNC) and 342 (GKI) on a 0.1% vitamin-B-enriched casein pancreatic hydrolysate with millet and cotton at 37°C for 18 to 20 hr

UDC: 576.851.555.097.29

ACC NR: AP6024443

had an activity of 100 to 200 Dlm/ml. These toxins lost their virulence in periods of 18 hr to 3 months. [WA-50, CBE No. 11]

SUB CODE: 06/ SUBM DATE: 27May65/ ORIG REF: 003/ OTH REF: 002/

Card 2/2

ZEMLYANITSKAYA, Ye.T.

Kazan Institute of Industrial Hygiene. Kaz.med.zhur. no.5:102-103 S-O '60. (MIRA 13:11)

(TATAR A.S.S.R.--INDUSTRIAL HYGIENE)

DATSKEVICH, Mikhail Frantsevich; ZEMLYANSKII, Aleksandr Sergeyevich; KAGANOVICH, Abram Yul'yevich; NIKANOROV, Timofey Mikhaylovich. Prinimal uchastiye KHOMENKO, P.G., IVANOV, M.I., red.; KOROTKOVA, L., red.; TELEGINA, T., tekhn.red.

[Operation of accounting machines in State Bank enterprises] Ekspluatatsiia schetnykh mashin v uchrezhdeniiakh Gosbanka. Moskva, Gosfinizdat, 1959. 319 p. (MIRA 13:3)
(Accounting machines)

ZEMLYANSKIY, Fedor Trofimovich; KOSTIN, V.P., red.

[Economic efficiency of using food industry waste in agriculture] Ekonomicheskaia effektivnost' ispol'zovaniia otkhodov pishchevoi promyshlennosti v sel'skom khoziaistve. Moskva, Ekonomika, 1964. 111 p. (MIRA 17:10)

GRUSHEVSKAYA, I.A.; ZEMLYANSKIY, I.I.

Practical seminar for teachers for the preparation of models and mock-ups. Khim.v shkole 14 no.4:72-77 Jl-Ag '59.
(MIRA 12:11)

1. Pedkabinet L'vovskoy zheleznoy dorogi i L'vovskiy Pedinstitut.
(Chemistry--Study and teaching)

NAYDYSH, A.M., prof.; BRATISHKO, A.S., inzh.; ZEMLYANSKIY, L.V., inzh.; LEBEDEV, N.N., inzh.; CHUYKOV, G.L., inzh.

Determining the optimum load on a panel for mines with a high methane liberation. Izv. vys.uchev.zav.:gor.zhur. 7 no. 4:26-32 '64. (MIRA 17:7)

1. Donetskiy politekhnicheskiy institut. Rekomendovana kafedroy razrabotki mestorozhdeniy poleznykh iskopayemykh.

ZEMLYANITSKIY, L.T.

Reminiscences about Ivan Vladimirovich Tiurin. Pochvovedenie no.12:96-97 D '62. (MIRA 16:2)
(Tiurin, Ivan Vladimirovich, 1892-1962)

VINOGRADOV, K.A.; ZEMLYANITSKIY, L.T.; NOVOZHILOVA, V.A.[deceased]; LUNEVA, Z.S.; VAKULENKO, V.V.; GALAKTIONOV, I.I.; ALEKSEYENKO, L.V.; NERONOVA, M.D., red.; KHENOKH, F.M., tekhn. red.

[Care of urban plantings] Ukhod za gorodskimi nasazhdeniiami. Moskva, Izd-vo Kommun. khoz.RSFSR, 1963. 89 p. (MIRA 16:7)

1. Akademiya kommunal'nogo khozyaystva.
(Landscape gardening)

ZEMLYANITSKIY, L.T.

Characteristics of soils in towns. Pochvovedenie no.5:75-84 My '63. (MIRA 16:5)

1. Pochvenno-agrokhimicheskaya laboratoriya Akademii kommunal'nogo khozyaystva.

(Soils)

ZEMLYANITSKIY, Leonid Trankvilinovich; POLTAVSKAYA, Inessa Aleksandrovna; ZHELDAKOVA, Genriyetta Georgiyevna; DOLGOVA, K.N., red. izd-va; SALAZKOV, N.P., tekhn. red.

[Preparing urban soils for landscaping]Podgotovka gorodskikh pochvo-gruntov dlia ozeleneniia. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962. 70 p. (MIRA 16:3)
(Landscape gardening)

ZEMLYANITSKIY, L.T.

ZEMLYANITSKIY, L.T.

[Growing shelterbelts on virgin and waste lands] Polezashchitnoe lesorazvedenie na tselinnykh i zalezhnykh zemliakh. Moskva, Gos. izd-vo sel'khoz.lit-ry, 1957. (MIRA 11:1)
(Windbreaks, shelterbelts, etc.)

ZEMLYANITSKIY, L. T.

The teachings of Dokuchaev and Williams on forest and land reclamation; a popular scientific lecture. Moskva Provda. 1949. 19 p. (50-19855)
SD409.Z4

ZEMLYANITSKIY, L. T.

State forest shelterbelt, Voronezh - Rostov-on-Don. Moskva, Goslesbumizdat, 1949.
33 p.

1. ZEMLYANITSKIY, L.T.

2. USSR (600)

4. Forest Soils

7. Change in chestnut soils under the influence of tree stands. Les. khoz. 5 no. 11, 1952.

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

1. ZEMLYANITSKIY, L.T.

2. USSR (600)

4. Forest Influences

7. Change in chestnut soils inder the influence of tree stands., Les.khoz., 5, No.11, 1952

9. Monthly List of Russian Accessions, Library of Congress, February 1953, Unclassified.

1. ZEMLYANITSKIY, L. T.

2. USSR (600)

4. Forests and Forestry

7. The Stalin plan for the transformation of nature in action. Sad i og. no. 10, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January, 1953. Unclassified.

ZEMLYANITSKIY, L. T.

Agriculture & Plant & Animal Industry

National shelterbelt, Voronezh - Rostov-on-Don. Moskva, Goslesbumizdat, 1949.

Monthly List of Russian Accessions, Library of Congress, April 1952. UNCLASSIFIED.

ZEMLYANITSYN, V.S., inzhener.

Automatic frequency control device with automatic changing of relay settings. Elek.sta. 28 no.1:84-85 Ja '57. (MLRA 10:3)
(Electric relays) (Automatic control)

ZEMLYANITSYNA, A.I.

Psychoprophylactic method of the analgesia of labor in the conditions of a village hospital. Feldsher & akush. no.12:46-49 Dec 1953. (CIML 25:5)

1. Midwife at Yektul'sk Rural Hospital.

ZEMLYANITSYNA, N. P.

Zemlyanitsyna, N. P. and Pon'kevich, S. S. - "The leukocyte reaction in man with parenteral introduction of milk under narcosis", In the collection: Mekhanizm patol. reaktsiy, Issues 11-15, Leningrad, 1949, p. 64-67.

SO: U-4329, 19 August 53, (Letopis 'Zhurnal 'nykh Statey, No. 21, 1949).

ZEMLYANITSKAYA, Ye. T.

"The Arsenic Content of Food Products." Sub 26 Mar 51, Second Moscow State Medical Inst imeni I. V. Stalin.

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55

ZEMLYANITSYNA, A.I., akusherka.

Psychoprophylactic method of anesthesia in obstetrics in a rural district hospital. Fel'd.i akush. no.12:46-49 D '53. (MLRA 6:12)

1. Yektul'skaya sel'skaya bol'nitsa.
(Medicine, Rural) (Anesthesia in obstetrics)

ZEMLYANITSYN, L.

Language of the geography teacher and the problem of concreteness.
Geog.v shkole 19 no.1:57 Ja-F '56. (MLRA 9:5)
(Geography--Study and teaching)

ZEMLYANITSYNA, L.A.

Geological characteristics of the Khoper-Medveditsa interfluve.
Trudy Lab. ozeroved. 9:7-9 '60. (MIRA 13:8)
(Khoper Valley--Geology)
(Medveditsa Valley--Geology)

ZEMLYANITSYNA, L.A.

Ground water recharge of lakes in northern Kazakhstan. Trudy Lab.ozeroved. 15:118-144 '63. (MIRA 16:3)
(Kazakhstan--Lakes)

ZEMYANITSYNA, L.A.

Geological structure and salinity of soils and the ground in the upper section of the Vodyanaya Ravine. Trudy Lab. ozeroved. 9:157-165 '60. (MIRA 13:8)
(Vyazovka District (Stalingrad Province--Geological research)

ZEMLYANITSYNA, L.A.

Hydrogeological conditions of the Polivnoy Pond. Trudy Lab. ozeroved. 9:309-323 '60. (MIRA 13:8)
(Vyazovka District (Stalingrad Province)--Water, Underground)

ZEMLYANKER, L. KH.

USSR/Electricity - Circuit Breakers, Mar 50
Oil
Telemechanics

"Telecontrol of Breakers in City Electric Power Lines," L. Kh. Zemlyanker, Engr, 4 pp

"Elek Stants" No 3

Telecontrol of oil breakers usually entails laying lines and installing solenoid drives and storage batteries. Proposed method, which worked well in Odessa, uses pair of existing telephone wires. Considerable effort is required to make breaker. This problem is solved by having small

FDD 161T17

USSR/Electricity - Circuit Breakers, Mar 50
Oil (Contd)

motor lift heavy weight through reduction gearing. Telecontrol drops the weight, breaker thus being closed by small current flowing for long time rather than by large current flowing for short time, which would require more power (200 va instead of 10 kw).

FDD 161T17

ZEMLYANNIKOV, K.

Refrigeration and Refrigerating Mach'nery

Restating the superiority of the system of direct evaporation of ammonia.
Mias. ind. SSSR 23 no. 3, 1952

9. Monthly List of Russian Accessions, Library of Congress, September 1952 ~~1953~~, Uncl.

ZEMLYANNIKOV, K., inzhener.

Production line for the stamping, freezing and packing of meat dumplings. Mias.ind.SSSR 25 no.2:14-15 '54. (MLRA 7:5)

1. Glavmyaso. (Meat industry)

ZEMLYANNIKOV K.

YAKOVLEV, V., inzhener; ZEMLYANNIKOV, K., inzhener.

Consultation. Miss.ind.SSSR. 25 no.5:60-61 '54. (MLRA 7:11)
(Packing houses--Equipment and supplies)

ZEMLYANNIKOV, K., inzhener.

Mechanization of the production of frozen blocs of meat. Mias.ind. SSSR 26 no.1:13-15 '55. (MLRA 8:5)
(Refrigeration and refrigerating machinery)
(Meat, Frozen)

ZEMLYANNIKOV, K., inzh.

Shortcomings of a book. Mias.ind.SSSR 30 no.2:54-55 '59.
(MIRA 13:4)

(Rendering apparatus)

ZEMLYANNIKOV, V.P.

Straightening of the profile and raising of the track performed during one "interval." Put' i put. khoz. 7 no.10:10 '63. (MIRA 16:12)

1. Glavnyy inzh. putevoy mashinnoy stantsii No.28, stantsiya Leningrad-Sortirovochnyy Oktyabr'skoy dorogi.

ZEMLYANNIKOV, V.V.

Use of a hibernation mixture (escodol-aminazine) as the principal anesthetic. Trudy 1-go MMI 3:136-142 '57. (MIRA 14:5)
(ANESTHETIC) (CHLORPROMAZINE)